PayZone® NE 300

NON-EMULSIFIERS

Overview

PayZone® NE 300 is an emulsion preventer that is designed for zinc-based brines. PayZone NE 300 non-emulsifier inhibits the development of emulsion caused by mixing of completion fluid and hydrocarbons, which impede the formation’s ability to transmit hydrocarbons and can cause formation damage.

Features and Benefits

• Miscible in zinc base brines, preventing brine-oil emulsions
• Can be used in oil and gas producing formations
• Payzone NE 300 non-emulsifier mixes easily into the active system
• Reduces brine surface tension in order to maximize completion fluid recovery
• Effective at low concentrations - 0.1 to 1.0% by volume

Applicable Information

PayZone NE 300 non-emulsifier will easily mix into zinc fluids and is added prior to introduction of fluid into the wellbore. PayZone NE 300 non-emulsifier may be used in conjunction with a mutual solvent in a clear brine fluid.

Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear to amber liquid</td>
</tr>
<tr>
<td>Density</td>
<td>0.84 - 0.87 g/cc @ 20°C</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Soluble</td>
</tr>
</tbody>
</table>

Packaging Information

- 55 U.S. gallon drum
- 200 liter drums

Recommended Treatment

The recommended treatment of PayZone NE 300 non-emulsifier can range from 0.1% to 1.0% by volume to the brine. Consult with a TETRA representative for specific recommendations.

Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer’s use and for ensuring that Customer’s workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. Further, nothing contained herein shall be taken as a recommendation to manufacture or use any of the herein described materials or processes in violation of existing or future patents.